

Combined Form PTO/SB/08A&B

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known					
Application Number	10/537,492				
Confirmation Number	Not yet assigned				
Filing Date	June 3, 2005				
First Named Inventor	Naoki OHASHI et al.				
Art Unit	Not yet assigned 2832				
Examiner Name	Not yet assigned Cee				
Attorney Docket Number	052562				

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite	Document Number		Publication Date			
	No.	Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		US		/	•		
		US					
		US					
		US					
Ī		US					
		US					
		US .					

FOREIGN PATENT DOCUMENTS							
	Cite	Foreign Patent Document		Publication Date	Name of Patentee or		
	No.1	Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>
lu	AA	JP	10-270214	Α	10/09/1998	TOSHIBA CORP.	Abstract
		<u> </u>					
		<u> </u>					
			, , , , , , , , , , , , , , , , , , ,				

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published,	Translation <sup>6</sup>
Ju.	AB	M. MATSUOKA, Nonohmic Properties of Zinc Oxide Ceramics, Japanese Journal of Applied Physics, Vol. 10, No. 6, June 1971, pp. 736-746.	
Ca	AC	A. TANAKA et al., Evaluation of Single Grain Boundaries in ZnO: Rare-Earth Varistor by Micro- Electrodes, Key Engineering Materials, Vols. 157-158, CSJ Series – Publications of the Ceramic Society of Japan, Vol. 1, 1999, pp. 235-240.	
m	AD	U. SCHWING et al., Model experiments describing the microcontact of ZnO varistors, Journal of Applied Physics, 57 (12), June 15, 1985, pp. 5372-5379.	
Cer	AE	N. OHASHI et al., Synthesis of ZnO Bicrystals Doped with Co or Mn and Their Electrical Properties, Japanese Journal of Applied Physics, Vol. 38, Part 1, No. 9A, September 1999, pp. 5028-5032.	
Cer	AF	Y. SATO et al., Current-Voltage Characteristics across [0001] Twist Boundaries in Zinc Oxide Bicrystals, Journal of the American Ceramic Society, 85 (8), August 2002, pp. 2142-2144.	

Examiner Signature	a com	Date Considered	10/29/10-	
PEYAMINED.	Initial if reference considered subother	or not citation is in conformance with MDED 600		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

Combined Form PTO/SB/08A&B	Compl	Complete if Known 537492		
Complited Form 1 10/5B/00ACD	Application Number	Not yet assigned		
INFORMATION DISCLOSURE	Confirmation Number			
STATEMENT BY APPLICANT	Filing Date	June 3, 2005		
	First Named Inventor	Naoki OHASHI et al.		
(use as many sheets as necessary)	Art Unit	2832		
	Examiner Name	/ Re		
Sheet 1 of 1	Attorney Docket Number	052562		

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite	Document	Number	Publication Date MM-DD-YYYY			
	No.1	Number	Kind Code <sup>1</sup> (if known)		Name of Patentee or Applicant of Cited Document		
		US					
		US					
		US					
		US					
- <del>-</del>		US					
		US					
		US					
		US					
		US		7			

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date	Name of Patentee or			
Initials*		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>	
10	1	JP	2000-228302	Ī	08/15/2000	IGA ATSUSHI	Abstract	
/w	2	JP	2-219203		08/31/1990	FUJI ELECTRIC CO. LTD.	Abstract	
1								
						·		
					<b>(</b>			

	NON PATENT LITERATURE DOCUMENTS					
xaminer Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, itials* No. journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.						
		<u> </u>				
		l				
_						
		Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine,				

		 	<del></del>
			$1 - \frac{1}{2} $
C t Ct Auma		Date Considered	10/2/04
Examiner Signature	1///-	Date Considered	
		 WAL MADED COO	Dance line through hitetian if not in

\*EXAMINER: Intuit if effence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.